

Roll No. ...3.229.24

Total Pages : 4

BCA-103

B.C.A. (First Year) Examination, 2019

PROBLEM SOLVING THROUGH C PROGRAMMING

Paper-III

Time Allowed : Three Hours

Maximum Marks : 100

PART-A

[Marks : 20]

Answer all questions (50 words each).

All questions carry equal marks.

PART-B

[Marks : 50]

Answer five questions (250 words each), selecting one

question from each Unit. All questions carry equal marks.

PART-C

[Marks : 30]

Answer any two questions (300 words each).

All questions carry equal marks.

BCA-103/426/1,280

P. T. O.

PART-A

1. Answer the following questions : 10×2=20

- (i) Draw any four (4) Flow chart symbols.
- (ii) Define the Syntax error.
- (iii) Define the Tokens.
- (iv) Define the Variable.
- (v) What is Break ?
- (vi) Write use of else part in if-else statement.
- (vii) Define array.
- (viii) Define Pointer.
- (ix) Define Union.
- (x) How to Create file ?

PART-B

UNIT-I.

2. Explain Algorithm.

10

3. Write about conversion of Flow chart to language. 10

UNIT-II

4. Explain the Logical operators. 10
5. Explain the Data types in C language. 10

UNIT-III

6. Explain the Switch statement. 10
7. Explain the Nested if statement. 10

UNIT-IV

8. Explain the function Prototypes. 10
9. Explain the Recursions. 10

UNIT-V

10. Explain the Auto and Statics. 10
11. Explain Structures. 10

PART-C

12. Define the Errors. 15
13. (a) Describe the structure of C program.
(b) Explain the Precedence. 8,7
14. Explain Loop control structures. 15
15. Explain call by value and call by references. 15
16. Explain the following :
- (a) Register
(b) External
(c) Open file. 5,5,5